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1: NP_057880. T cell cytokine
r...[gi:7710110]

BLink, Nucleotide, OMIM, Related Sequences, PubMed,
Taxonomy, LinkOut

LOCUS NP_057880 623 aa linear ROD 07-JAN-2002
DEFINITION T cell cytokine receptor; cytokine receptor family, class 1 (WSXWS), member 1 [Mus musculus].
ACCESSION NP_057880
PID g7710110
VERSION NP_057880.1 GI:7710110
DBSOURCE REFSEQ: accession NM_016671.1
KEYWORDS.
SOURCE house mouse.
ORGANISM Mus musculus Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1 (residues 1 to 623)
AUTHORS Sprecher,C.A., Grant,F.J., Baumgartner,J.W., Presnell,S.R., Schrader,S.K., Yamagiwa,T., Whitmore,T.E., O'Hara,P.J. and Foster,D.F.
TITLE Cloning and characterization of a novel class I cytokine receptor
JOURNAL Biochem. Biophys. Res. Commun. 246 (1), 82-90 (1998)
MEDLINE 98262921
PUBMED 9600072
REFERENCE 2 (residues 1 to 623)
AUTHORS Chen,Q., Ghilardi,N., Wang,H., Baker,T., Xie,M.H., Gurney,A., Grewal,I.S. and de Sauvage,F.J.
TITLE Development of Th1-type immune responses requires the type I cytokine receptor TCCR
JOURNAL Nature 407 (6806), 916-920 (2000)
MEDLINE 20509354
PUBMED 11057672
COMMENT PROVISIONAL REFSEQ: This record has not yet been subject to final NCBI review. The reference sequence was derived from AF053005.1.
FEATURES Location/Qualifiers
source 1..623 /organism="Mus musculus"
/ db_xref="taxon:10090"
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CDS 1..623 /gene="Tccr"
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241 gkraallvwk dprpcvqvty tvwfgagdit ttqeevpcc spvpawmewa vvspgnstsw
301 vpptnlslvc lapesapcdv gvssadgspg ikvtwkqgtr kpleyyvdwa qdgdsldkln

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421 ddppgtpvva wgevprhqqr gqathytfci qsrglstvcr nvssqtqtat lpnlhsgsfk
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601 sapiysgyek hflptpeelg llv

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1: NP_004834. class I cytokine

BLink, Nucleotide, OMIM, Related Sequences, PubMed, SNP,

Taxonomy, LinkOut

...[gi:4759328]

LOCUS NP_004834 636 aa linear PRI 28-JAN-2002
DEFINITION class I cytokine receptor; T-cell cytokine receptor [Homo sapiens].
ACCESSION NP_004834
PID g4759328
VERSION NP_004834.1 GI:4759328
DBSOURCE REFSEQ: accession NM_004843.2
KEYWORDS
SOURCE human.
ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (residues 1 to 636)
AUTHORS Sprecher,C.A., Grant,F.J., Baumgartner,J.W., Presnell,S.R.,
 Schrader,S.K., Yamagiwa,T., Whitmore,T.E., O'Hara,P.J. and
 Foster,D.F.
TITLE Cloning and characterization of a novel class I cytokine receptor
JOURNAL Biochem. Biophys. Res. Commun. 246 (1), 82-90 (1998)
MEDLINE 98262921
PUBMED 9600072
COMMENT REVIEWED REFSEQ: This record has been curated by NCBI staff. The
 reference sequence was derived from AF053004.1, AI983115.1 and
 AW298502.1.
 Summary: In mice, CD4+ helper T-cells differentiate into type 1
 (Th1) cells, which are critical for cell-mediated immunity,
 predominantly under the influence of IL12. Also, IL4 influences
 their differentiation into type 2 (Th2) cells, which are critical
 for most antibody responses. Mice deficient in these cytokines,
 their receptors, or associated transcription factors have impaired,
 but are not absent of, Th1 or Th2 immune responses. This gene
 encodes a protein which is similar to the mouse T-cell cytokine
 receptor Tccr at the amino acid level, and is predicted to be a
 glycosylated transmembrane protein.
FEATURES Location/Qualifiers
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 /db_xref="taxon:9606"
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 /note="T-cell cytokine receptor"
CDS 1..636
 /gene="WSX1"
 /coded_by="NM_004843.2:424..2334"
 /db_xref="LocusID:9466"
 /db_xref="MIM:605350"
ORIGIN
 1 mrggrgapfw lwplpkllall pllwvlfqrt rpqgsagplq cyvgvplgd1 ncsweplgd1
 61 gapsehlqg qkyrsnktqt vavaagrswv aipreqltms dkllvwgtka gqplwppvf
 121 nletqmfpna prlgpdvdfs eddpleatvh wapptwpshk vlicqfhrr cqeaaawtlle
 181 pelktipltp veiqdlelat gykvygrcrm ekeedlwgew spilsfqtp sapkdvvvsg

241 nlcgtpggee plllwkapgp cvqvsykvwf wvggrelspe gitcccslip sgaewarvsa
301 vnatsweplt nslsvcldsa saprsavavss iagstellvt wqpgpgeple hvvdwardgd
361 pleklnwvrl ppgnlsallp gnftvgvpyr itvtavsasg lasassvwgf reelaplvgp
421 tlwrlqdapp gtpaiawgev prhqlrghlt hytlcaqsgt spsvcmnvsg ntqsvtlpd1
481 pwgpcelwvt astiagggpp gpilrlhlpd ntlrwkvlpg ilflwglfli gcglslatsg
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601 qpaqatapld sgyekhfplt peelgllgpp rpqvla

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